CLAIMS LISTING

Claims 1-12 canceled.

13. (Currently Amended) A method for stereo projection of pictures, represented by ~~an~~ incoming odd and even numbered picture signals, alternating cyclically between a picture intended for the right eye and a picture intended for the left eye, whereby first and, thereafter each odd numbered picture signal received, is transferred to a first projector, and whereby second and, thereafter each even numbered picture signal received, is transferred to a second projector, said picture signals for odd numbered pictures being decoded and stored in a first picture storage which is scanned periodically and projected by said first projector, and said picture signals for even numbered pictures being decoded and stored in a second picture storage which is scanned periodically and projected by said second projector~~.~~ and wherein said first picture storage and said second picture storage are each divided into a plurality of memory areas each said memory area capable of storing a picture and selectable for scanning of a stored picture or for storing a picture, and when one memory area in the first picture storage is selected for scanning by the first projector, a different memory area in the first picture storage is selected for storing, and when one memory area in the second picture storage is selected for scanning by the second projector, a different memory area in the second picture storage is selected for storing.

14. (Withdrawn) A method according to claim 13 whereby said first picture storage is organized as a plurality of first picture storage areas which

are periodically and alternately scanned, and whereby said second picture storage is organized as a plurality of second picture storage areas which are periodically and alternately scanned.

15. (Currently Amended) A method according to claim 13 whereby the first and second projectors each project their associated right and left pictures ~~signals~~ at the same time.

16. (Previously Presented) A method according to claim 13 whereby the first projector only projects the first and, thereafter, each odd numbered picture received, and whereby the second projector only projects the second and, thereafter, each even numbered picture received.

17. (Previously Presented) A method according to claim 13 whereby the first picture storage is scanned by a first picture generator that is coupled to the first projector, and whereby the second picture storage is scanned by a second picture generator that is coupled to the second projector.

18. (Previously Presented) A method according to claim 17 whereby each of the first picture generator and the second picture generator is able to scan its associated picture storage at a scanning rate different than an incoming rate of the incoming picture signal.

19. (Canceled)

20. (Withdrawn) A method according to claim 19 wherein each of said left picture storage and said right picture storage is divided into a plurality of picture storage areas, each storing an associated picture.

21. (Withdrawn) A method according to claim 20 whereby the respective picture storage areas within left picture storage area and said right picture storage area are alternately scanned.

22. (Withdrawn) A method according to claim 21 wherein a left picture generator and a right picture generator are respectively connected between said left and right picture storages and said left and right projectors, and whereby each said generator has an associated picture selector which reacts to a control signal to select one of the pictures within its associated picture storage and to transmit the selected picture to it associated projector.

23. (Withdrawn) A method according to claim 22 wherein a left decoder is connected to said left picture storage by a left area selector and a right decoder is connected to said right picture storage by a right area selector, and whereby said left area selector and a left said picture selector connect to different picture storage areas within the left picture storage and said right area selector and right said picture selector connect to different picture storage areas within the right picture storage.

24. (Withdrawn) A method according to claim 19 wherein a left picture generator and a right picture generator are respectively connected between said left and right picture storages and said left and right projectors, and whereby each said generator has an associated picture selector which reacts to a control signal to select one of the pictures within its associated picture storage and to transmit the selected picture to it associated projector.

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Withdrawn) A device according to claim 28 including a first picture storage coupled to said first decoder and a second picture storage coupled to said second decoder, each of said first and second picture storages divided into a plurality of picture storage areas for storing a respective picture from its associated decoder.

30. (Withdrawn) A device according to claim 29 including a first area selector connected between said first decoder and said first picture storage, and a second area selector connected between said second decoder and said second picture storage, each area selector responsive to a control signal to alternately connect its associated decoder to one its associated picture storage areas.

31. (Withdrawn) A device according to claim 29 wherein the first picture storage is scanned periodically by a first picture generator that is coupled to the first projector, and wherein the second picture storage is scanned periodically by a second picture generator that is coupled to the second projector.

32. (Withdrawn) A device according to claim 31 wherein each of the first picture generator and the second picture generator is able to scan its associated picture storage at a scanning rate different than an incoming rate of the incoming picture signal.

33. (Withdrawn) A device for stereo projection of pictures represented by an incoming picture signal which alternates cyclically between a right eye picture and a left eye picture, said device comprising a page selector adapted to transmit picture signals for a first and, thereafter, each odd numbered picture along a first path toward a first projector and to transmit picture signals for a second and, thereafter, each even numbered picture along a second path toward a second projector, wherein said even numbered pictures are not received by said first projector and said odd numbered pictures are not received by said second projector, and wherein said page selector is connected to a controller adapted to sense the incoming picture signal and recognize signal values or signal codes indicating new pictures and to alternately transmit the new pictures to said page selector.

34. (Withdrawn) A device according to claim 33 including a first picture storage for storing each odd numbered picture transmitted by said page selector, and a second picture storage for storing each odd numbered picture transmitted by said page selector.

35. (Withdrawn) A device according to claim 34 including a first picture generator coupled to the first projector for scanning said first picture storage, and a second picture generator coupled to the second projector for scanning said second picture storage.

36. (Withdrawn) A device according to claim 35 wherein each of the first picture generator and the second picture generator is able to scan its associated picture storage at a scanning rate different than an incoming rate of the incoming picture signal.

37. (Withdrawn) A device according to claim 35 wherein said first generator is coupled to said first picture storage by a first picture selector and said second generator is coupled to said second picture storage by a second picture selector, and including a first decoder connected to said first picture storage by a first area selector and a second decoder connected to said second picture storage by a second area selector.

38. (Withdrawn) A device according to claim 37 wherein each of said left picture storage and said right picture storage is divided into a plurality of picture storage areas, each storing an associated picture.

39. (Withdrawn) A device according to claim 38 wherein said first area selector and said first said picture selector connect to different picture storage areas within the left picture storage, and said right area selector and right said picture selector connect to different picture storage areas within the right picture storage.

40. (Withdrawn) A device for stereo projection of pictures represented by an incoming picture signal which alternates cyclically between a right eye picture intended for the right and a left eye picture intended for the left eye, said device comprising:

    a. an area selector adapted to transmit each picture intended for the right eye and each picture intended for the left eye to a common picture storage which is divided into a plurality of alternating left and right picture storage areas;

    b. a left projector connected to each left picture storage area by a left picture selector which is not connected to said right picture storage areas;

c. a right projector connected to each right picture storage area by a right picture selector which is not connected to said left picture storage areas; and

d. a controller adapted to sense the incoming picture signal and recognize signal values or signal codes indicating new pictures, said controller further adapted to transmit each new picture to said area selector and to generate a control signal to the area selector such that said area selector is caused to alternately transmit each left picture into an associated left picture storage area and each right picture into an associated right picture storage area.

41. (Withdrawn) A device according to claim 40 wherein said common picture storage is organized as a ring buffer.